640	Acres	

<u> </u>	640 Acres N											
	160	<u> </u>				160						
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Kay / SEC 3 TWP 27N RGE 5E COMPANY OPERATING Service Drilling Co. OFFICE ADDRESS 515 Kennedy Bldg., Tulsa, Okla. FARM NAME Cooper WELL NO 2-A DRILLING STARTED 6-27, 1958 DRILLING FINISHED 7-7- 1958 DATE OF FIRST PRODUCTION 8-12-58 COMPLETED 8-12-58 WELL LOCATED SW & SE & NW & 5101 North of South 16501 ft. East of West Line of Quarter Section Elevation (Relative to sea level) DERRICK FLOOR --- GROUND 1035 oil well CHARACTER OF WELL (Oil, gas or dryhole)......

	OIL OR GAS SANDS OR ZONES											
	Name	From	To	Nome	From	То						
1	Big Lime	2548	2622	4								
2	Oswego	2663	2743	5								
3	Burbank	2855	2918	6								
	Postovetinu P			Chat Ba	4							

renord	me reco	IN IN DE	LY	Sept wecold						
Formation	From	To	No. of Shots	Formation	From	То	Size of Shot			
Burbank	2797	2813	64							
			CASING F	RECORD						

Amount Set								Amoun	t Pulled	Packer Record		
Size	Wt.	Thds.	Make	Ft.	ln.	Ft.	in.	Size	Length	Depth Set	Make	
2 5/8	36	_8v	used	106								
$P_{1/2}$	9.5	8r	S.S.	29421								
											-	

Line	r R	lecord:	Amor	unt		Kind CEMENTI	NG AND MUD	Top DING	Bottom	
Sim	_	Amoun	t Set	Sacks	Che	nical	Method of	A	Mudding	Results
Size		Ft.	ln.	Cement	Gal.	Make	Cementing	Amount	Method	(See Note)
9_5/	8	106		75			gumg			
497	2	2942		150			OMILIO			

Mate: What method was used to protect sands if outer strings were pulled? none pulled

TOTE: Wei	e bottom hole plugs used?	If so, state kind, depth set and res	ults obtained
Chary Too	ls were used from O	TOOLS USED feet to 2942 Cable tools were used from.	completion
Spe Rig	_feet, and from	leet toieet, and trom	feet to
0		INITIAL PRODUCTION TEST	

Describe initial test: whether by flow through tubing or casing or by pumping <u>Pumping</u>

Amount of	Oil P	roduction	31	bbls. Si	ize of	choke, if c	my_I	one	Length of	test	hr Water
Production.	<u> 153</u>	bbls. (	Gravity of	oil 3	8	Type of I	Pump	n pum	p is used, d	iescribe_	
1 5/8	<u> </u>	insert	pump	<u>- 1</u>	<u>4 s</u>	trokes		8"	stroke		

## FORMATION RECORD

Give detailed description and thickness of all formations drilled through, contents of sand, whether dry,

Formation	Top	Bottom	Formation	Top	Bottom
Surface soil Lime w/sd. stks. Lime Lmy. shale Lmy. sand Shale Lime Shale Lime Shale Lmy. sd. Shy. sand Shy. sand Shale Sand Shale Sand Shale Sand Shale Sand Shale Sand Shale Sand w/sh. stks. Shale Checkerboard Shale Big Lime Shale Oswego Shale Burbank Sand Shale Total depti	0 6 89 145 170 200 829 837 891 956 1055 1148 1264 1268 1459 1508 1556 1760 2206 2448 2459 2548 2622 2663 2743 2855 2918	6 89 145 170 200 829 1055 1508 1508 1508 1508 1508 1508 1508	AUC 2 1 1958  NICHARDER PORTION  OLIVERANIA  OLIVERANI		

Subscribed and swom to before me this. 15th